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1 JUL 1963

OUT51400

1963 JUN 29 15 30Z

**PRIORITY**

P 291458Z

FM CIA WASHDC

TO RUCSBR/SAC OFFUTT AFB, OMAHA, NEB

RUEAHQ/DIAXX

RUECYG/NAVY PIC

RUWGAA/HQS 2ND AF BARKSDALE, LA

RUWGSN/4080TH SRW, LAUGHLIN AFB, TEXAS

DA GRNC

Declassification Review by NGA/DoD

BT

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CITE CIA-Z-717

FOR DI, BRASS KNOB, DOCR, DM4, DIM, SAC HQS, OMAHA. FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER. SUBJECT: FILM EVALUATION MISSION 3646.

1. CAMERA B 8 WAS USED IN MISSION 3646 FLOWN ON 27 JUNE 1963; PROCESSING WAS ACCOMPLISHED BY LAUGHLIN.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE IS EXCESSIVE, AND THE RESOLUTION IS FAIR.

B. 9R SIDE: FROM THE FIRST EXPOSURE THROUGH EXPOSURE 150 THERE IS A SERIES OF PLUS DENSITY, STATIC MARKS 0.37" FROM, AND PARALLEL TO, THE INBOARD EDGE. EDGE CRIMPING APPEARS ON EXPOSURES 08 THROUGH 12 AND AGAIN ON EXPOSURES 29 THROUGH 32. MINUS DENSITY SPOTS, 0.12" FROM, AND PARALLEL TO, THE INBOARD EDGE ARE INTERMITTENT FROM EXPOSURE 4 THROUGHOUT THE REMAINDER OF THE MISSION. THE SPOTS APPEAR AT INTERVALS OF 4.5". A PATTERN OF PLUS DENSITY SWIRLS, STREAKS AND TAILS OF VARIOUS DENSITIES AND INTERVALS BEGIN AT

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

EXPOSURE 1560 AND ARE CONTINUOUS THROUGHOUT THE MISSION. THERE SEEMS TO BE NO PATTERN, AND THE ONLY RELATIONSHIP BETWEEN THESE MARKS IS THAT THEY ARE ALL ABOUT 1.3" FROM THE INBOARD EDGE. THE 1L POSITION INDICATOR LAMP FAILED TO OPERATE AFTER THE 3R POSITION, ON THE FIRST 200 EXPOSURES. A MINUS DENSITY STREAK IS PRESENT NEAR THE DATA CHAMBER. THIS IS CAUSED BY A WIRE PROTRUDING INTO THE FORMAT AREA.

C. 9L SIDE: THERE IS A SERIOUS LIGHT LEAK WITHIN THE CAMERA SYSTEM, CAUSING A HEAVY DENSITY STREAK THROUGHOUT THE ENTIRE SIDE. THIS STREAK IS 0.3" WIDE AND IS LOCATED 1.2" FROM THE OUTBOARD EDGE. THE STREAK WIDENS AND BECOMES MORE DENSE EVERY 18.5". THERE ARE 2 PLUS DENSITY SPOTS, 2.35" APART AND 1" FROM THE INBOARD EDGE IN FRAMES 03 AND 261. THE 1L POSITION INDICATOR LAMP IS INOPERATIVE INTERMITTENTLY THROUGHOUT THE MISSION. THERE IS A SERIES OF CHEMICAL STAINS IN FRAME 147 AND A SERIES OF ABRASIONS IN FRAMES 241 AND 309. THERE IS A FINE PLUS DENSITY LINE LOCATED 4.6" FROM THE OUTBOARD EDGE INTERMITTENTLY THROUGHOUT THE MISSION. THERE ARE SMALL PLUS DENSITY DOTS 4.4" APART AND 1.7" FROM THE INBOARD EDGE IN FRAME 1664.

D. THE LIGHT LEAD DESCRIBED IN PARAGRAPH 3 SERIOUSLY DEGRADED THE IMAGE QUALITY THROUGHOUT THE AFFECTED AREA. IT IS RECOMMENDED THAT THE CAMERA AND CASSETTES BE CHECKED FOR LIGHT LEAKS PRIOR TO BEING USED ON ANOTHER MISSION. THERE ARE NO SERIOUS PROCESSING PROBLEMS IN THIS MISSION.

### 3. POSITIVE:

A. THE PI SUITABILITY IS FAIR TO POOR. THIS IS DUE PARTIALLY

TO THE DENSE ORIGINAL NEGATIVE AND PARTIALLY TO INSUFFICIENT  
EXPOSURE DURING THE PRINTING OF THE POSITIVE.

B. CLOUDS COVER 20-25 PERCENT OF THE MISSION.

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END OF MESSAGE

(ABOVE MSG ALSO TRANSMITTED TO CIA WATCH ASP/RR)

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